Table 1. Students Underprepared in Math: First Developmental or College-Level Math Course Taken, by Retention Status, 2004

		Underprepared in math	%
	First developmental or college math courses taken:		
Retained at native institution	Took developmental course	127	90.7%
	Took at college level without taking dev. or placing out	7	5.0%
	Did not take subject, did not place out of dev. with inst. exam	6	4.3%
	Total	140	100.0%
	Took developmental course or placed out in math?		
	Took dev./suppl. education or placed out	127	90.7%
	Did not take dev./suppl. education or place out	13	9.3%
Not retained at native institution	First developmental or college math courses taken:		
	Took developmental course	87	76.3%
	Took at college level without taking dev. or placing out	6	5.3%
	Did not take subject, did not place out of dev. with inst. exam	21	18.4%
	Total	114	100.0%
	Took developmental course or placed out in math?		
	Took dev./suppl. education or placed out	87	76.3%
	Did not take dev./suppl. education or place out	27	23.7%
Total students underprepared in	First developmental or college math courses taken:		
math	Took developmental course	214	84.3%
	Took at college level without taking dev. or placing out	13	5.1%
	Did not take subject, did not place out of dev. with inst. exam	27	10.6%
	Total	254	100.0%
	Took developmental course or placed out in math?		
	Took dev./suppl. education or placed out	214	84.3%
	Did not take dev./suppl. education or place out	40	15.7%

Note: KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total. Kentucky Council on Postsecondary Education, November 3, 2006

Table 2. Students Underprepared in English: First Developmental or College-Level English Course Taken, by Retention Status, 2004

		Underprepared in English	%
	First developmental or college English course taken:		
Retained at native institution	Took developmental course	101	85.6%
	Took at college level without taking dev. or placing out	10	8.5%
	Did not take subject, did not place out of dev. with inst. exam	7	5.9%
	Total	118	100.0%
	Took developmental course or placed out in English?		
	Took dev./suppl. education or placed out	101	85.6%
	Did not take dev./suppl. education or place out	17	14.4%
Not retained at native institution	First developmental or college English course taken:		
	Took developmental course	56	65.9%
	Took at college level without taking dev. or placing out	4	4.7%
	Did not take subject, did not place out of dev. with inst. exam	25	29.4%
	Total	85	100.0%
	Took developmental course or placed out in English?		
	Took dev./suppl. education or placed out	56	65.9%
	Did not take dev./suppl. education or place out	29	34.1%
Total students underprepared in	First developmental or college English course taken:		
English	Took developmental course	157	77.3%
	Took at college level without taking dev. or placing out	14	6.9%
	Did not take subject, did not place out of dev. with inst. exam	32	15.8%
	Total	203	100.0%
	Took developmental course or placed out in English?		
	Took dev./suppl. education or placed out	157	77.3%
	Did not take dev./suppl. education or place out	46	22.7%

Note: KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total. Kentucky Council on Postsecondary Education, November 3, 2006

Table 3. Students Underprepared in Reading: First Developmental Reading or College-Level Social Science Course Taken, by Retention Status, 2004

		Underprepared in reading	%
	First developmental reading or college social science course taken:		
Retained at native institution	Took developmental course	58	55.2%
	Took at college level without taking dev. or placing out	38	36.2%
	Did not take subject, did not place out of dev. with inst. exam	9	8.6%
	Total	105	100.0%
	Took developmental course or placed out in reading?		
	Took dev./suppl. education or placed out	58	55.2%
	Did not take dev./suppl. education or place out	47	44.8%
Not retained at native institution	First developmental reading or college social science course taken:		
	Took developmental course	37	49.3%
	Took at college level without taking dev. or placing out	12	16.0%
	Did not take subject, did not place out of dev. with inst. exam	26	34.7%
	Total	75	100.0%
	Took developmental course or placed out in reading?		
	Took dev./suppl. education or placed out	37	49.3%
	Did not take dev./suppl. education or place out	38	50.7%

Note: KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total. Kentucky Council on Postsecondary Education, November 3, 2006

Table 3. Students Underprepared in Reading: First Developmental Reading or College-Level Social Science Course Taken, by Retention Status, 2004

		Underprepared in reading	%
Total students underprepared in reading	First developmental reading or college social science course taken:		
	Took developmental course	95	52.8%
	Took at college level without taking dev. or placing out	50	27.8%
	Did not take subject, did not place out of dev. with inst. exam	35	19.4%
	Total	180	100.0%
	Took developmental course or placed out in reading?		
	Took dev./suppl. education or placed out	95	52.8%
	Did not take dev./suppl. education or place out	85	47.2%

Note: KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Categories reflect the first course of its type taken as of a student's last semester of enrollment within their first two years. Students taking both developmental and supplemented college-level courses are counted in the developmental category. Course counts do not include students who withdrew. Developmental courses taken by university students at KCTCS are included in the university's developmental course total. Kentucky Council on Postsecondary Education, November 3, 2006

Table 7. Grade in First Developmental Math Course: Students Underprepared in Math, 2004

	N	%
Grade in first developmental math course		
A	42	18.2%
В	58	25.1%
$\mathbf{c}$	61	26.4%
D	17	7.4%
F/E	36	15.6%
Withdrew	17	7.4%
Total	231	100.0%
Successful completion of first developmental math course		
Did not successfully complete first course	70	30.3%
Successfully completed first course	161	69.7%

Table 8. Grade in First Developmental English Course: Students Underprepared in English, 2004

	N	%
Grade in first developmental English course		
A	41	25.3%
В	54	33.3%
C	27	16.7%
D	16	9.9%
F/E	19	11.7%
Withdrew	5	3.1%
Total	162	100.0%
Successful completion of first developmental English course		
Did not successfully complete first course	40	24.7%
Successfully completed first course	122	75.3%

Table 9. Grades in First Developmental Reading Course: Students Underprepared in Reading, 2004

	N	%
Grade in first developmental reading course		
A	35	34.3%
В	22	21.6%
C	18	17.6%
D	7	6.9%
F/E	13	12.7%
Withdrew	7	6.9%
Total	102	100.0%
Successful completion of first developmental reading course		
Did not successfully complete first course	27	26.5%
Successfully completed first course	75	73.5%

Table 10. Students' Grades in their First College-Level Math Course by Preparation Level and Developmental Education in Math, 2004

	Grade in first college-level math course				Students taking college-level	
	A	В	C	D	$\mathbf{F}$	math
Prepared	37.1%	22.5%	28.1%	3.4%	9.0%	89
Underprepared, took dev. course or placed out	11.2%	22.4%	27.6%	15.3%	23.5%	98
Underprepared, no dev. course or placement out	30.8%	23.1%	30.8%		15.4%	13
All students	24.0%	22.5%	28.0%	9.0%	16.5%	200

Note: Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 11. Students with Grades of C or Better in their First College-Level Math Course by Preparation Level and Type of Education in Math, 2004

		Students taking college-level	colleg	in first e-level course
		math	A-C	D-F
Students' preparation level				
Prepared	Total	89	87.6%	12.4%
	Developmental courses or placements in math:			
	Took developmental course	14	71.4%	28.6%
	Took at college level without taking dev. or placing out	75	90.7%	9.3%
Underprepared, took dev. course or	Total	98	61.2%	38.8%
placed out	Developmental courses or placements in math:			
	Took developmental course	98	61.2%	38.8%
Underprepared, no dev. course or	Total	13	84.6%	15.4%
placement out	Developmental courses or placements in math:			
	Took at college level without taking dev. or placing out	13	84.6%	15.4%

Note: Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 12. Students' Grades in their First College-Level English Course by Preparation Level and Developmental Education in English, 2004

	Grade in first college-level English course				Students taking college-level	
	A	В	C	D	F	English
Prepared	24.4%	44.5%	14.3%	5.9%	10.9%	119
Underprepared, took dev. course or placed out	8.6%	33.3%	28.4%	14.8%	14.8%	81
Underprepared, no dev. course or placement out	35.7%	21.4%	28.6%	7.1%	7.1%	14
All students	19.2%	38.8%	20.6%	9.3%	12.1%	214

Note: Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 13. Students with Grades of C or Better in their First College-Level English Course by Preparation Level and Type of Education in English, 2004

		Students taking college-level	college	in first e-level glish urse
		English	A-C	D-F
Students' preparation level				
Prepared	Total	119	83.2%	16.8%
	Developmental courses or placements in English:			
	Took developmental course	20	75.0%	25.0%
	Took at college level without taking dev. or placing out	99	84.8%	15.2%
Underprepared, took dev. course or	Total	81	70.4%	29.6%
placed out	Developmental courses or placements in English:			
	Took developmental course	81	70.4%	29.6%
Underprepared, no dev. course or	Total	14	85.7%	14.3%
placement out	Developmental courses or placements in English:			
	Took at college level without taking dev. or placing out	14	85.7%	14.3%

Note: Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 14. Students' Grades in their First College-Level Social Science Course by Preparation Level and Developmental Education in Reading, 2004

	Grade in first college-level social science course  A B C D F				Students taking college-level social	
Prepared	A 26.0%	B 23.6%	33.3%	<b>D</b> 5.7%	F 11.4%	science 123
Underprepared, took dev. course or placed out	6.9%	24.1%	31.0%	12.1%	25.9%	58
Underprepared, no dev. course or placement out	20.0%	16.0%	40.0%	8.0%	16.0%	50
All students	19.9%	22.1%	34.2%	7.8%	16.0%	231

Note: Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

Table 15. Students with Grades of C or Better in their First College-Level Social Science Course by Preparation Level and Type of Education in Reading, 2004

		Students taking college-level social	Grade in first college-level social science course	
		science	A-C	D-F
Students' preparation level				
Prepared	Total	123	82.9%	17.1%
	Developmental courses or placements in reading:			
	Took developmental course	18	77.8%	22.2%
	Took at college level without taking dev. or placing out	105	83.8%	16.2%
Underprepared, took dev. course or	Total	58	62.1%	37.9%
placed out	Developmental courses or placements in reading:			
	Took developmental course	58	62.1%	37.9%
Underprepared, no dev. course or placement out	Total	50	76.0%	24.0%
	Developmental courses or placements in reading:			
	Took at college level without taking dev. or placing out	50	76.0%	24.0%

Note: Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking their first college-level course in this subject on a pass/fail basis for no quality points are not included in the total. Missing data may cause totals to differ across tables.

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Table 16. Students' Retention to the Second Year by Math Preparation Level and Type of Math Education, 2004

			Institutional retention		System retention	
			Retained at native institution	Not retained at native institution	Retained at any KY PSE institution	Not retained in KY PSE system
Students' preparation level						
Prepared	Total	108	68.5%	31.5%	70.4%	29.6%
	Developmental courses or placements in math:					
	Took developmental course	19	73.7%	26.3%	73.7%	26.3%
	Took at college level without taking dev. or placing out	75	73.3%	26.7%	76.0%	24.0%
	Did not take subject, did not place out of dev. with inst. exam	14	35.7%	64.3%	35.7%	64.3%
Underprepared, took dev. course or placed out	Total	213	59.2%	40.8%	63.8%	36.2%
	Developmental courses or placements in math:					
	Took developmental course	213	59.2%	40.8%	63.8%	36.2%
Underprepared, no dev. course or placement out	Total	40	32.5%	67.5%	40.0%	60.0%
	Developmental courses or placements in math:					
	Took at college level without taking dev. or placing out	13	53.8%	46.2%	61.5%	38.5%
	Did not take subject, did not place out of dev. with inst. exam	27	22.2%	77.8%	29.6%	70.4%

Note: Only coursework taken during the first year is included in this table. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking this course pass/fail for no quality points are not included in the total. Missing data may cause totals to differ across tables. Kentucky Council on Postsecondary Education, November 3, 2006

Table 17. Students' Retention to the Second Year by English Preparation Level and Type of English Education, 2004

			Institutional retention		System retention	
			Retained at native institution	Not retained at native institution	Retained at any KY PSE institution	Not retained in KY PSE system
Students' preparation level						
Prepared	Total	145	62.1%	37.9%	64.8%	35.2%
	Developmental courses or placements in English:					
	Took developmental course	26	61.5%	38.5%	69.2%	30.8%
	Took at college level without taking dev. or placing out	99	67.7%	32.3%	68.7%	31.3%
	Did not take subject, did not place out of dev. with inst. exam	20	35.0%	65.0%	40.0%	60.0%
Underprepared, took dev. course or placed out	Total	154	63.6%	36.4%	68.2%	31.8%
	Developmental courses or placements in English:					
	Took developmental course	154	63.6%	36.4%	68.2%	31.8%
Underprepared, no dev. course or placement out	Total	46	37.0%	63.0%	43.5%	56.5%
	Developmental courses or placements in English:					
	Took at college level without taking dev. or placing out	14	71.4%	28.6%	78.6%	21.4%
	Did not take subject, did not place out of dev. with inst. exam	32	21.9%	78.1%	28.1%	71.9%

Note: Only coursework taken during the first year is included in this table. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking this course pass/fail for no quality points are not included in the total. Missing data may cause totals to differ across tables. Kentucky Council on Postsecondary Education, November 3, 2006

Table 18. Students' Retention to the Second Year by Reading Preparation Level and Type of Education in Reading, 2004

			Institutional retention		System retention	
			Retained at native institution	Not retained at native institution	Retained at any KY PSE institution	Not retained in KY PSE system
Students' preparation level						
Prepared	Total	158	59.5%	40.5%	64.6%	35.4%
	Developmental courses or placements in reading:					
	Took developmental course	25	68.0%	32.0%	76.0%	24.0%
	Took at college level without taking dev. or placing out	105	68.6%	31.4%	72.4%	27.6%
	Did not take subject, did not place out of dev. with inst. exam	28	17.9%	82.1%	25.0%	75.0%
Underprepared, took dev. course or placed out	Total	93	60.2%	39.8%	64.5%	35.5%
	Developmental courses or placements in reading:					
	Took developmental course	93	60.2%	39.8%	64.5%	35.5%
Underprepared, no dev. course or placement out	Total	85	55.3%	44.7%	57.6%	42.4%
	Developmental courses or placements in reading:					
	Took at college level without taking dev. or placing out	50	76.0%	24.0%	76.0%	24.0%
	Did not take subject, did not place out of dev. with inst. exam	35	25.7%	74.3%	31.4%	68.6%

Note: Only coursework taken during the first year is included in this table. The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Grades are normalized across institutions such that F=failure. Students taking this course pass/fail for no quality points are not included in the total. Missing data may cause totals to differ across tables. Kentucky Council on Postsecondary Education, November 3, 2006

Table 19. Students' Grade Point Average (GPA) at End of First Year by Math Preparation Level and Type of Education in Math, 2004

		Credential-seeking entering class of 2004	GPA at end of first year
Students' preparation level			
Prepared	Total	108	2.79
	Developmental courses or placements in math:		
	Took developmental course	19	2.74
	Took at college level without taking dev. or placing out	75	2.87
	Did not take subject, did not place out of dev. with inst. exam	14	2.21
Underprepared, took dev. course or placed out	Total	213	2.22
	Developmental courses or placements in math:		
	Took developmental course	213	2.22
Underprepared, no dev. course or	Total	40	1.94
placement out	Developmental courses or placements in math:		
	Took at college level without taking dev. or placing out	13	2.30
	Did not take subject, did not place out of dev. with inst. exam	27	1.64

Note: Only coursework taken during the first year is included in this table. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Missing data may cause totals to differ across tables.

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Table 20. Students' Grade Point Average (GPA) at End of First Year by English Preparation Level and Type of Education in English, 2004

		Credential-seeking entering class of 2004	GPA at end of first year
Students' preparation level			
Prepared	Total	145	2.68
	Developmental courses or placements in English:		
	Took developmental course	26	2.55
	Took at college level without taking dev. or placing out	99	2.70
	Did not take subject, did not place out of dev. with inst. exam	20	2.82
Underprepared, took dev. course or placed out	Total	154	2.32
	Developmental courses or placements in English:		
	Took developmental course	154	2.32
Underprepared, no dev. course or	Total	46	1.78
placement out	Developmental courses or placements in English:		
	Took at college level without taking dev. or placing out	14	2.64
	Did not take subject, did not place out of dev. with inst. exam	32	1.31

Note: Only coursework taken during the first year is included in this table. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Missing data may cause totals to differ across tables.

Table 21. Students' Grade Point Average (GPA) at End of First Year by Reading Preparation Level and Type of Education in Reading, 2004

		Credential-seeking entering class of 2004	GPA at end of first year
Students' preparation level			
Prepared	Total	158	2.53
	Developmental courses or placements in reading:		
	Took developmental course	25	2.45
	Took at college level without taking dev. or placing out	105	2.68
	Did not take subject, did not place out of dev. with inst. exam	28	1.88
Underprepared, took dev. course or placed out	Total	93	2.17
	Developmental courses or placements in reading:		
	Took developmental course	93	2.17
Underprepared, no dev. course or	Total	85	2.33
placement out	Developmental courses or placements in reading:		
	Took at college level without taking dev. or placing out	50	2.46
	Did not take subject, did not place out of dev. with inst. exam	35	2.08

Note: Only coursework taken during the first year is included in this table. The college-level courses with supplemental help referenced above are social science courses with supplemental reading help, as reading is not offered at the college level. Table reflects student performance in first social science course only, and not other kinds of reading-intensive courses. Developmental services include developmental courses, college-level classes with supplemental help, or placement out of developmental education based on an institutional exam. KSU information concerning students who placed out of developmental education based on non-compulsory institutional exams was not available. Missing data may cause totals to differ across tables. Kentucky Council on Postsecondary Education, November 3, 2006